



# National Weather Service

## Storm Data and Unusual Weather Phenomena



February 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### CONNECTICUT, Northeast

CTZ002

Hartford

22 1222EST

0

0

Record Warmth

The temperature at Bradley International Airport in Windsor Locks reached 69 degrees at 12:22 PM. This surpassed the previous record of 62 degrees set in 1991.

### MASSACHUSETTS, Central and East

MAZ007-019>024

Eastern Essex - Eastern Plymouth - Southern Bristol - Southern Plymouth - Barnstable - Dukes - Nantucket

16 2100EST

0

0

Heavy Snow

17 1200EST

MAZ019>024

Eastern Plymouth - Southern Bristol - Southern Plymouth - Barnstable - Dukes - Nantucket

17 0400EST  
1200EST

0

0

Strong Wind

A "clipper-like" low pressure system moved rapidly eastward from south of the Great Lakes, passing south of Long Island and Cape Cod. It spread a band of moderate snow across the area. Snowfalls of 6 to 7 inches fell across Cape Cod and the Islands. The maximum snowfall reported was 7.5 inches at both Orleans and Harwich. Nearby Chatham had 6 inches and Carver, in southern Plymouth County, reported 6.3 inches.

In addition, strong northeast and north winds gusting to 30 to 40 mph caused blowing and drifting snow. North of Boston, Manchester-by-the-Sea on Cape Ann had 6 inches. There were no particular problems reported as a result of this storm.

MAZ021>024

Southern Plymouth - Barnstable - Dukes - Nantucket

18 1200EST  
2000EST

0

0

Strong Wind

Strong southwest winds frequently gusting to 35 to 45 mph were reported from Cape Cod and the Islands and also around the coast of Buzzards Bay. A peak gust to 56 mph was reported at Otis Air Force Base in Falmouth. Some other peak gusts reported by spotters included: Brewster, 50 mph; South Orleans, 46 mph; Dennis and Chatham, 45 mph; Mattapoisett, 42 mph; and Edgartown on Martha's Vineyard, 35 mph.

MAZ010>011-016-016

Eastern Hampshire - Eastern Hampden - Eastern Norfolk

19 2130EST  
20 0400EST

0

0

1.5K

High Wind (G56)

Strong and gusty west to northwest winds in the wake of a cold front caused scattered property damage in parts of the state. A peak wind gust to 58 mph was recorded at the Blue Hill Observatory in Milton at 9:53 PM on February 19th and winds were reported gusting over 40 mph at Winthrop beginning around 10 PM. The highest wind gust reported was 64 mph in Springfield during the early morning hours of February 20th. About 1,700 electric customers lost power in Northampton when a falling tree knocked down power lines. Other smaller power outages affected parts of surrounding towns. In downtown Springfield, a traffic signal was blown off its mast. Many tree limbs were reported blown down in Holyoke. A store window was reported blown out in Florence, in the northwest part of Northampton. In the Boston area, a peak wind gust to 57 mph was reported from Winthrop at 1:38 AM while a gust to 61 mph was recorded at the Blue Hill Observatory in Milton at 2:10 AM. There were a few reports of minor property damage.

MAZ016

Eastern Norfolk

21 1958EST

0

0

High Wind (G52)

A peak wind gust to 60 mph from the southwest was recorded at the Blue Hill Observatory in Milton, elevation 670 feet above sea level.



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### MASSACHUSETTS, Central and East

#### Hampden County

Westfield to Holyoke	22	1400EST 1408EST			0	0		Thunderstorm Wind (G83)
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A peak wind gust to approximately 60 mph was reported in Westfield and wires were knocked down in Holyoke during a severe thunderstorm. A peak wind gust to 96 mph was recorded by a research wind turbine atop Mount Tom.

#### Hampshire County

Northampton	22	1400EST			0	0		Thunderstorm Wind (G52)
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A peak wind gust to 60 mph was reported in Northampton.

#### Worcester County

Hardwick to Barre	22	1420EST 1430EST			0	0		Thunderstorm Wind (G52)
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A severe thunderstorm brought a peak wind gust to 60 mph at Barre at 2:20 PM and trees and wires were reported down in Hardwick between 2:22 PM and 2:30 PM.

#### Worcester County

Fitchburg	22	1434EST			0	0		Thunderstorm Wind (G54)
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A peak wind gust to 62 mph was recorded by the automated weather station at Fitchburg during a severe thunderstorm. Quite a few power lines were reported down throughout the city of Fitchburg, but power outages were brief.

#### Middlesex County

Shirley	22	1440EST			0	0		Thunderstorm Wind (G52)
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A gust to 60 mph was reported in Shirley.

#### Worcester County

Princeton	22	1452EST			0	0		Thunderstorm Wind (G50)
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Trees and wires were reported down in Princeton.

#### MAZ015

##### Suffolk

22	1458EST			0	0		Record Warmth
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The temperature at Boston's Logan International Airport reached 66 degrees, setting a record for the date. The old record was 63 degrees in 1990.

#### Middlesex County

Dracut	22	1500EST			0	0		Thunderstorm Wind (G50)
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Trees and wires were reported blown down and a chimney was knocked down in Dracut at approximately 3:00 PM.

#### MAZ016

##### Eastern Norfolk

22	1854EST			0	0		Strong Wind
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Strong west-northwest winds in the wake of a strong cold front brought a peak wind gust to 56 mph at the Blue Hill Observatory in Milton.

Unseasonably warm temperatures reached near record levels for February. A high reading of 72 degrees was recorded in downtown Springfield at 12:24 PM. A rare out-of-season outbreak of thunderstorms, some severe, moved east-northeast across western and central Massachusetts by mid-afternoon. A total of 2,500 electric customers lost power in the western part of the state. Most of the outages were brief.

### NEW HAMPSHIRE, Southern

#### Hillsborough County

Lyndeborough to Pelham	22	1500EST 1515EST			0	0		Thunderstorm Wind (G50)
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### NEW HAMPSHIRE, Southern

A rare outbreak of out-of-season thunderstorms occurred after temperatures reached the mid to upper 60s and approached record high readings for February. A line of thunderstorms, some severe, moved through the county. In Pelham, trees and wires were knocked down and a few roads were blocked by debris. Witnesses reported that the wind sounded like a "freight train." Trees also were reported blown down in other towns, including: Greenfield, Milford, Wilton, Amherst, Mount Vernon, and Lyndeborough. Up to 6,500 electric customers lost power statewide.

### RHODE ISLAND

RIZ002-007

Southeast Providence - Newport

20

0100EST  
0400EST

0

0

Strong Wind

Strong and gusty west to northwest winds in the wake of a cold front brought peak wind gusts of over 50 mph in parts of the state. Downtown Providence and Tiverton had gusts to 54 mph between 3 AM and 4 AM.